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May 2, 2011

Mr. Valmichael Leos U.S. Environmental Protection Agency, Region 6 1445 Ross Avenue, Suite 1200 Dallas, Texas 75202-2733

Re: San Jacinto River Waste Pits Superfund Site

TCRA Weekly Progress Report No. 025 for April 25-29, 2011;

U.S. EPA Region 6, CERCLA Docket No. 06-12-10

Project Number: 090557-01

Dear Mr. Leos:

Attached please find TCRA Weekly Progress Report No. 025 for April 25-29, 2011.

This report was prepared on behalf of the International Paper Company and McGinnes Industrial Maintenance Corporation for the San Jacinto River Waste Pits Superfund Site in Channelview, Texas. Should you have any questions, please contact me at (228) 818-9626 or email me at dkeith@anchorqea.com.

Sincerely,

John P. Laplante for David C. Keith

Project Coordinator

cc: Barbara Nann, USEPA
Phil Slowiak, International Paper
Andrew Shafer, MIMC
Jennifer Sampson, Integral

This weekly progress report is submitted pursuant to the Administrative Settlement Agreement and Order on Consent for Removal Action: CERCLA Docket No. 06-12-10, Channelview, Texas, which became effective on May 11, 2010 (AOC). The Respondents are International Paper Company (IP) and McGinnes Industrial Maintenance Corporation (MIMC).

A. Summary of Work Performed – Dates: April 25-29, 2011

The Respondents, Anchor QEA, and USA Environment, completed work on the following tasks:

- Submitted TCRA Weekly Progress Report No. 024 on April 25, 2011.
- Construction Activities
 - Continued to receive, stockpile, and manage armor cap aggregates at the LaBarge Site.
 - Continued to receive, stockpile, and manage Armor Cap aggregates within the Texas Department of Transportation (TxDOT) right of way (ROW) Laydown and Stockpile Area.
 - Continued to place geotextile and Armor Cap A and C aggregate in the Eastern
 Cell of the San Jacinto River Waste Pits (SJRWP) via land-based operations.
 - Commenced and continued to place geotextile and Armor Cap B/C aggregate in Western Cell of the SJRWP via land-based operations
 - Continued placement of geotextile and Armor Cap A, C, and D material in the Eastern Cell of the SJRWP via water-based operations.
 - o Continued to maintain the turbidity curtain.
- Continued development of an approach to working in the Western Cell based on the results of bench-scale stabilization testing.
- Continued to perform visual monitoring of water quality to evaluate potential construction-related turbidity impacts as described in the Final Removal Action Work Plan (RAWP). No water quality issues were noted based on these visual observations over the past week.
- Continued to maintain the Administration Site.

• Continued to implement site security measures as described in the Site Security Plan.

Attached is a figure that depicts the approximate limits of initial cap material placement, subject to the engineer's final verification survey upon completion of the project.

B. Summary of Agency Communications

The written communications between the Respondents and USEPA, including and subsequent to the issuance of the RAWP, are summarized in the attached Table 1.

C. <u>Summary of Sampling Results</u>

None for this report.

D. Problems, Delays, and Solutions

The turbidity curtain is potentially subject to movement due to the currents and tides. The contractor is performing ongoing maintenance of the turbidity curtain on an as-needed basis.

Respondents continue to dispute USEPA's allegations contained in USEPA's Notices of Violations dated January 14, January 21, January 24, and on April 4, 2011, submitted an additional notice of dispute to USEPA with respect to USEPA's Notice of Violation dated March 3, 2011, and certain statements contained in two other letters from USEPA dated March 3, 2011. They also dispute USEPA's rejection by letter dated February 16, 2011, of their force majeure claim, and submitted a Notice of Dispute to USEPA on March 18, 2011, in response to that letter.

Access into the Western Cell and Eastern Cell of the SJRWP from the upland has been hampered by soft soil conditions. The contractor continues to evaluate alternate approaches, equipment, and materials, to facilitate construction of the cap in these areas. USEPA observed soil displacements resulting from construction activity on these soft soils and submitted a letter on April 8, 2011, to the Respondents regarding this matter. The Respondents and their contractor responded to USEPA's letter on April 15, 2011, proposing methods to manage these issues. The Eastern Cell of the SJRWP will be accessed from the water-side to the greatest extent possible to minimize the potential for soft sediment displacement associated with construction activities. The contractor continues to develop an approach for access in the Western Cell of the SJRWP.

E. Projected Work for the Next 2 Weeks - Dates: May 2-13, 2011

The Respondents, Anchor QEA, and USA Environment, expect to complete the following tasks in the next 2 weeks:

- Provide USEPA with the contractor's alternative method for construction access in the Western Cell.
- Based on discussions with USEPA regarding the results of the additional water quality data collection conducted to evaluate the potential for construction-related turbidity impacts, continue to develop a summary report of the data collected during water quality monitoring.
- Ship additional natural stone aggregate from the quarry to Texas City. This material will be stored in Texas City until space becomes available at the LaBarge Site, or within the Laydown and Stockpile Area constructed in the TxDOT ROW.
- Continue to implement the Site Security Plan.
- Maintain the Administration Site as necessary.
- Continue to receive, stockpile, and manage armor cap aggregates at the LaBarge Site and TxDOT Laydown and Stockpile Area.
- On the TxDOT ROW, proceed to haul vegetation, debris, and soil that were cleared from beneath the I-10 Bridge for off-site disposal.
- On the SJRWP:
 - Continue preparation of the Western Cell of the SJRWP surface for cap construction.
 - o Receive imported fill at SJRWP and place in low-lying areas in the Western Cell.
 - o Continue installation of armor cap in Eastern Cell of the SJRWP.

F. Schedule

Attached is the approved project construction schedule, which is being included as directed by USEPA in a letter from Valmichael Leos to David Keith of Anchor QEA dated February 10, 2011. The approved construction schedule is out of date, as it references armor cap materials whose designations have now changed (as explained in the recently approved RAWP) and includes "start" and "finish" dates for these materials that are no longer applicable since the sequencing of placement of the construction materials has also changed, as explained in the approved

RAWP. Note that armor cap material designations referred to above are based on the recently approved RAWP.

A proposed updated project construction schedule, based on Respondents having obtained access to the TxDOT ROW, and secured a lease for a laydown area and dock facility, was transmitted to USEPA on February 14, 2011. Respondents prepared the updated project construction schedule pursuant to USEPA's direction, and it further revises and updates the schedule presented and submitted to USEPA at a January 31, 2011, meeting. On March 3, 2011, USEPA provided a letter indicating the proposed schedule is not approved and invited Respondents to request a meeting with USEPA if desired. A meeting with USEPA regarding the schedule took place on March 24, 2011, and based on that meeting, the Respondents did not submit a revised schedule. Respondents anticipate that this matter will be reviewed with USEPA in June/July 2011.

Prepared by:

John P. Laplante /for/

David C. Keith

Project Coordinator

Table 1
Table of Agency Communications

Respondents		Response		
Submittal Date	Respondents Communication Summary	from USEPA Date	USEPA Communication Summary	Notes
11/1/2010	Draft Final Removal Action Work Plan (RAWP) for Time Critical Removal Action	11/8/2010	TCRA Work Plan Approval with Modifications	
11/1/2010	Report on Respondents' best efforts to obtain access			
		11/2/2010	Letter from B. Nann regarding access	
11/9/2010	Memorandum - Review of Geomembrane Comments			
		11/9/2010	Email from B. Nann to Axe/Inglin requesting conference call on November 15, 2010 regarding TCRA access issues	
11/11/2010	Draft Pre-construction Meeting Agenda			
11/11/2010	Final Removal Action Work Plan (RAWP) for Time Critical Removal Action			
11/12/2010	Letter to EPA regarding access			
11/15/2010	Conference call with EPA B. Nann regarding access			Conference call to discuss the technical memorandum about water access versus land access to the TCRA Site. B. Nann stated that RAWP approval occurred 11/8/2010
11/15/2010	TCRA Weekly Progress Report 001 email from J. Laplante to V. Leos and five hard copies			
11/16/2010	Marine Access memo email from D. Keith to USEPA C. Sanchez			Email to USEPA technical team regarding issues related to water-only access to the TCRA site
		11/16/2010	Email from B. Nann to Respondents regarding meeting with Sam Coleman regarding access by water	
11/17/2010	Teleconference between D. Keith and C. Sanchez and V. Leos to discuss the 11/18 technical meeting at USEPA regarding site access			
		11/17/2010	Email from B. Nann to Respondents and TxDOT regarding meeting in Dallas on access issues	
11/17/2010	Email from IP counsel to B. Nann transmitting draft TxDOT license agreement			
11/17/2010	Emails from IP and MIMC counsel to B. Nann regarding meeting with Sam Coleman regarding access			Meeting with Sam Coleman, USEPA Superfund Division Director, to discuss access issues. Meeting took place 11/18/2010.
11/18/2010	Submittal of financial assurance by MIMC to cover revised TCRA cost estimate			
11/22/2010	TCRA Weekly Progress Report 002 email from J. Laplante to V. Leos and 5 hard copies			
11/22/2010	Financial assurance submission by IP with respect to the revised TCRA financial assurance amount			
11/23/2010	Submitted Notice of Start of Construction letter to USEPA			
11/23/2010	Prepared and submitted Request for State Historic Preservation Officer Consultation Form and supplemental information to Mark Wolfe, State Historic Preservation Officer			
11/29/2010	TCRA Weekly Progress Report 003 email from W. Mears to V. Leos and 5 hard copies			
11/30/2010	Submitted Request for Section 401 of the CWA Consultation Review to S. Reilly of TCEQ, with copy to V. Leos			
11/30/2010	Preliminary (unvalidated) Big Star property chemistry data submitted to V. Leos by D. Keith via email			
11/30/2010			Email from V. Leos of USEPA regarding status of preliminary data from Big Star soil sampling	
11/30/2010			Email from B. Nann of USEPA to Respondents' counsel regarding the status of the Big Star sampling results	
11/30/2010	Submitted proposed road license agreement with TxDOT, signed by Respondents' counsel, to B. Nann of USEPA			

Table 1
Table of Agency Communications

Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
11/30/2010	Submitted letter to EPA describing Respondents' "best efforts" to obtain access from Big Star and TxDOT and requesting an extension of time to obtain access	12/3/2010		
12/1/2010	Email from MIMC's counsel on behalf of Respondents to B. Nann urging USEPA's quick turnaround on analysis of Big Star soil sample results			
12/1/2010	Email to V. Leos from Project Coordinator updating Big Star soil sampling data			
12/2/2010			Email from B. Nann to Respondents' counsel regarding status of USEPA's analysis of Big Star's sample results and scheduling of conference call to discuss access issues	
12/2/2010	Email from IP Counsel on behalf of Respondents' to B. Nann and S. Coleman regarding obstacles to obtaining access from Big Star and TxDOT	12/3/2010		
12/3/2010			Email from B. Nann to Respondents' counsel and S. Coleman responding to Respondents' December 2, 2010 email regarding obstacles to obtaining access	
12/3/2010	Email from IP counsel on behalf of Respondents' to B. Nann and S. Coleman responding to EPA's December 3, 2010 email regarding access issues			
12/3/2010			Letter from USEPA responding to Respondents' November 30, 2010 letter regarding best efforts, denying extension of time to obtain access	
12/6/2010	TCRA Weekly Progress Report 004 email from J. Laplante to V. Leos and five hard copies			
		12/6/2010	Email from B. Nann to Respondents' counsel regarding TxDOT and Big Star access issues and status of Big Star as PRP	
12/6/2010	Email from IP counsel to B. Nann of behalf of Respondents' regarding van der Horst Site access agreement	12/6/2010	Email from B. Nann to Respondents' counsel regarding van der Horst access agreement	
12/6/2010	Email from IP counsel to USEPA counsel handling van der Horst site regarding access agreement			
12/6/2010	Email from B. Nann to Respondents' counsel regarding scheduling of conference call on access issues			Conference call between Respondents' counsel and USEPA regarding TxDOT access takes place on December 7, 2010
12/6/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding proposed Big Star lease terms			
12/6/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding signed access agreement with Big Star for installation of Phase II fencing			
		12/7/2010	Email from B. Nann stating USEPA's approval of Big Star property as a laydown area	
12/7/2010	Email to B. Nann from MIMC counsel on behalf of Respondents' regarding scheduling of conference call with USEPA and Big Star regarding lease			
		12/7/2010	Email from B. Nann to Respondents' counsel regarding her call to Big Star attorney	
		12/7/2010	Email from B. Nann regarding status of proposed TxDOT access agreement language	
12/7/2010	Emails to B. Nann from IP counsel on behalf of Respondents' regarding proposed TxDOT license agreement			
12/7/2010	Email from IP counsel on behalf of Respondents' to B. Nann regarding status of her conversation with Big Star counsel			
		12/8/2010	Email from B. Nann to Respondents' counsel regarding TxDOT and Big Star access status	

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Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
12/8/2010	Email to B. Nann from IP counsel on behalf of Respondents' regarding TxDOT and Big Star access issues			
12/8/2010	Email to Big Star counsel and B. Nann from IP counsel on behalf of Respondents' regarding status of lease			
		12/8/2010	Email from USEPA counsel for van der Horst site regarding site access agreement with TxDOT	
12/8/2010	Email from IP counsel to USEPA counsel for van der Horst site regarding access agreement with TxDOT			
12/9/2010	Email from A. Shafer (MIMC) to V. Leos and S. Tzhone requesting guidance regarding sign size			
12/9/2010			Email from USEPA V. Leos with a copy of USEPA Pollution Report (POLREP) for the TCRA	
12/10/2010	Email to B. Nann from MIMC counsel on behalf of Respondents' regarding status of TxDOT and Big Star access issues			
12/10/2010	Email to B. Nann from IP counsel on behalf of Respondents' asking if B. Nann would schedule a conference call between Big Star, USEPA, and Respondents' counsel			
12/10/2010	Email to B. Nann from MIMC counsel on behalf of Respondents regarding Big Star Status as a PRP			
12/13/2010	TCRA Weekly Progress Report 005 email from J. Laplante to V. Leos and five hard copies			
12/13/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding status of Big Star and TxDOT access issues			
12/15/2010	Email to B. Nann from MIMC counsel on behalf of Respondents regarding Big Star's position on lease	12/16/2010	Email from B. Nann regarding Big Star's demand for a release of all claims	
12/17/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding Big Star's position on access and requesting EPA's assistance			
12/17/2010	Email to B. Nann from IP counsel on behalf of Respondents asking for conference call to discuss Big Star's demand for a release as a condition of access			
12/20/2010	TCRA Weekly Progress Report 006 email from J. Laplante to V. Leos and five hard copies			
12/21/2010	Email to B. Nann from IP counsel on behalf of Respondents regarding latest demand for full release from Big Star counsel and requesting opportunity to discuss same			
		12/23/2010	Letter from USEPA V. Leos to Respondents in regarding TxDOT access	
12/27/2010	TCRA Weekly Progress Report 007 email from J. Laplante to V. Leos and five hard copies			
		12/27/2010	Email to Respondents' counsel from B. Nann of USEPA forwarding copy of EPA's 12/23/2010 correspondence (letter was not received by Respondents until it was forwarded by USEPA's counsel on December 27 and original sent by mail was not received until December 30, 2010)	

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Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
		12/30/2010	Letter from USEPA V. Leos to Respondents in regarding TxDOT access, as followup to USEPA letter dated 12/23/2010	
12/30/2010	Letter to V. Leos of USEPA from MIMC counsel on behalf of Respondents in response to USEPA's letters dated 12/23/2010 and 12/30/2010 and initial force majeure notice			
1/3/2011	TCRA Weekly Progress Report 008 email from J. Laplante to V. Leos and five hard copies			
1/4/2011	Email to USEPA from D. Shafer of MIMC regarding delivery of TCRA financial assurance instruments to EPA on 11/19/2010			
1/4/2011	Letter to V. Leos of USEPA from MIMC counsel regarding force majeure event			
1/4/2011	Letter to V. Leos of USEPA from IP counsel joining in MIMC's letter dated 1/4/2011 regarding force majeure event			
1/4/2011	Memorandum to V. Leos of USEPA on the Evaluation of the Potential Change in Water Surface Elevation Due to the Placement of the Capping Remedy			
		1/4/2011	Letter to MIMC from V. Leos of USEPA regarding financial assurance	
1/5/2011	Letter to EPA from IP counsel on behalf of Respondents regarding access issues and notice of force majeure			
		Undated	Letter to Respondents' Project Coordinator from V. Leos regarding USEPA's site inspection of December 8, 2010 and upcoming scheduled work activities. The letter was received on 1/6/2011.	
		1/6/2011	Email to D. Shafer of MIMC from B. Werner of USEPA regarding need for duplicates of TCRA financial assurance instruments	
1/6/2011	Email from D. Shafer of MIMC on behalf of Respondents regarding Site signs and buoys and intent to inspect fencing and signs on 1/7/2011			
		1/7/2011	Email from V. Leos of USEPA stating that representatives from Harris County and TCEQ and himself would be visiting the Site on 1/7/2011	
1/10/2011	TCRA Weekly Progress Report 009 email from J. Laplante to V. Leos and five hard copies			

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Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
1/12/2011	Email to B. Nann of USEPA from MIMC's counsel on behalf of Respondents regarding TxDOT and Big Star access issues and Big Star's prospective status as a PRP	1/13/2011	Email from B. Nann of USEPA to Respondents' counsel (in response to 1/12/2011 email from MIMC's counsel) regarding TxDOT negotiations, alternative laydown area, and Big Star's status as PRP	
1/13/2011	Email from IP's counsel to B. Nann of USEPA responding to her 1/13/2011 email regarding TxDOT access negotiations	1/14/2011	Email from B. Nann of USEPA to Respondents' counsel responding to 1/13/2011 email from IP's counsel regarding TxDOT access negotiations	
		1/13/2011	Email from B. Nann of USEPA to Respondents' counsel (responding to 1/12/2011 email from MIMC's counsel) addressing "ability to pay" issue for Big Star	
		1/14/2011	Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA letter regarding Notice of Violation	
1/17/2011	TCRA Weekly Progress Report 010 email from J. Laplante to V. Leos and five hard copies			
		1/19/2011	Email from B. Nann of USEPA regarding need to coordinate with USEPA regarding additional plans on TxDOT right-of-way	
1/19/2011	Email from MIMC counsel on behalf of Respondents to B. Nann of USEPA responding to her email of 1/19/2011 regarding additional plans for TxDOT right-of-way			
1/19/2011	Email from Respondents' Project Coordinator to USEPA and Respondents' counsel regarding her telephone conference with V. Leos of USEPA regarding proposed plans for the TxDOT right-of-way and intent to submit amendment to §404(b)(1) documentation.			
		1/21/2011	Email from B. Nann of USEPA to Respondents' counsel forwarding USEPA's 1/21/2011 NOV letter.	
1/24/2011	TCRA Weekly Progress Report 011 email from J. Laplante to V. Leos and five hard copies.			
		1/24/2011	Notice of Violation letter from USEPA regarding non-compliance with the TCRA AOC	
		1/24/2011	Email from B. Nann of USEPA to Respondents' counsel forwarding USEPA's 1/24/11 NOV letter.	
		1/24/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator regarding need to coordinate all communications through B. Nann of USEPA.	
1/25/2011	Email from Respondents' Project Coordinator to V. Leos and B. Nann of USEPA regarding resolution of TxDOT access issue and desire to meet with USEPA regarding project schedule.			
1/26/2011	Follow-up email from Respondents' Project Coordinator to V. Leos and B. Nann of USEPA regarding desire to meet with USEPA to discuss project schedule.	1/26/2011	Email from B. Nann of USEPA stating that V. Leos would respond to the email of Respondents' Project Coordinator when he returns to his office.	
		1/27/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator stating willingness of himself and B. Nann of USEPA to meet to discuss schedule.	
1/27/2011	Submitted to USEPA supplemental 401, 404(b)(1) and coastal consistency determinations to reflect changed conditions related to laydown, stockpiling, and truck turnaround areas in the TxDOT right-of-way on January 27, 2011.			
1/27/2011	Letter from Respondents to CAC members regarding Site status update.			

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Table of Agency Communications

Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
1/27/2011	Email from Respondents' Project Coordinator to USEPA notifying USEPA of the posting of an Addendum regarding Site Access Modifications and a Cultural Resources Addendum to the FTP Site.			
		1/27/2011	Email from V. Leos of USEPA to Respondents' Project Coordinator stating that until USEPA approves modification to Site Plans, Respondents must continue to follow existing work plan.	
		1/28/2011	Email from V. Leos of USEPA clarifying his 1/27/2011 email and stating that USEPA's reviews of Respondents' revised plans do not impede Respondents' ability to continue work at Site.	
1/28/2011	Email from Respondents' Project Coordinator to USEPA regarding meeting with USEPA on 1/31/2011, including attendees and agenda.	1/28/2011	Email from V. Leos of USEPA asking that "water access/barge needed for eastern pit" be added to agenda for 1/31/11 meeting.	
1/28/2011	Email from Respondents' Project Coordinator to V. Leos of USEPA confirming addition to agenda.			
1/28/2011	Letter from MIMC's counsel on behalf of Respondents to USEPA regarding supplement to Respondents' force majeure claims.			
		1/28/2011	Email from B. Nann of USEPA to Respondents and members of CAC regarding status of Site.	
		1/28/2011	Email from B. Nann of USEPA to Respondents' counsel seeking confirmation that no attorneys would be at 1/31/2011 meeting with L. Starfied and S. Coleman of USEPA.	
1/28/2011	Email from IP counsel to B. Nann of USEPA stating his understanding that no counsel would be present at 1/31/2011 meeting.			
1/31/2011	TCRA Weekly Progress Report 012 email from J. Laplante to V. Leos and five hard copies.			
1/31/2011	Letter from D. Keith to V. Leos and B. Nann requesting review and approval of attached revised TCRA construction schedule; reiterating request for review and approval of 401/404(b)(1) documentation relating to changes in TxDOT access, and requesting clarification on future communications between Respondents and USEPA.			
1/31/2011	Email from MIMC counsel to B. Nann of USEPA regarding planned attendees for 1/31/2011 meeting with L. Starfield, et al. of ESEPA.			
1/31/2011	Email from MIMC counsel to B. Nann of USEPA regarding lack of attendance of legal counsel at USEPA meeting regarding TCRA schedule.	1/31/2011	Emails from B. Nann of USEPA regarding 1/31/2011 meeting regarding TCRA schedule and attendance of legal counsel	
2/1/2011	USA Environment submittals 1, 2, and 3 (geotextiles and geomembrane) transmitted via email from J. Laplante to V. Leos and B. Nann.			
2/2/2011	USA Environment submittals 4 and 5 (CHASP and geotextile) transmitted via email from J. Laplante to V. Leos and B. Nann.			

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Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
2/3/2011	USA Environment submittals 6, 7, 8 and 9 (partial stone chemistry results; Armor Cap C and D gradation curves, list of subcontractors) transmitted via 2 emails from J. Laplante to V. Leos and B. Nann.			
2/4/2011	USA Environment submittals 10 and 11 (CWP, EPP, SWPPP) transmitted via email from J. Laplante to V. Leos and B. Nann.			
2/4/2011	Revised RAWP document transmitted via email from J. Laplante to V. Leos and B. Nann for review.			
2/7/2011	TCRA Weekly Progress Report 013 email from J. Laplante to V. Leos and five hard copies.			
2/8/2011	Copy of Market Street and LaBarge Site Lease Agreements sent via email and hard copy from J. Laplante to V. Leos and B. Nann.			
2/8/2011	Notification of TCRA subcontractors letter sent by email and hard copy from J. Laplante to V. Leos and B. Nann.			
		2/10/2011	Letter from USEPA V. Leos to D. Keith requesting that TCRA Weekly Updates include a copy of the approved TCRA Schedule instead of the proposed revised TCRA schedule.	
		2/10/2011	Letter from USEPA V. Leos to D. Keith approving Addendum Regarding Site Access Modifications, subject to additional clarifying text proposed by USEPA to be included in the Addendum.	
		2/10/2011	Letter from USEPA V. Leos to D. Keith requesting specific additional detail be provided in the proposed revised TCRA schedule.	
2/10/2011	Email to V. Leos of USEPA from D. Shafer of MIMC, on behalf of Respondents, regarding proposed Administration Site signs.	2/11/2011	Email from V. Leos of USEPA to Respondents approving Administration Site signs.	
2/11/2011	Minutes from February 4, 2011 USEPA Weekly Update teleconference sent via email from J. Laplante to V. Leos and B. Nann.			
2/14/2011	TCRA Weekly Progress Report 014 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
2/14/2011	Letter from MIMC counsel, on behalf of Respondents, to USEPA regarding notice of dispute relative to USEPA's January 14, 2011, Notice of Violation.	2/16/2011	Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA's response to Respondents' force majeure claim.	
2/14/2011	J. Laplante submitted TCRA Detailed Schedule to V. Leos and B. Nann.			
2/15/2011	J. Laplante submitted to V. Leos and B. Nann information on Exclusion Zone and Restricted Zone as developed by Respondents' contractor USA Environment.			
		2/16/2011	Email from B. Nann of USEPA to Respondents' counsel regarding Respondents' notice of dispute relative to January 14, 2011, Notice of Violation.	
2/18/2011	J. Laplante submitted to V. Leos and B. Nann contact information for the Channelview Volunteer Fire Department via email.			

Table 1
Table of Agency Communications

Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
2/18/2011	J. Laplante submitted to V. Leos and B. Nann a draft Emergency Contingency Plan, as requested by USEPA, via email.			
2/22/2011	TCRA Weekly Progress Report 015 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
2/22/2011	Submittal via hand delivery of Respondents' Notice of Dispute relative to the January 21, 2011 NOV and the January 24, 2011 NOV.			
2/23/2011	Clarification of RAWP and Schedule Edits email from J. Laplante to V. Leos and B. Nann and five hard copies.	3/3/2011	Letter from V. Leos approving changes to Removal Action Work Plan, but not approving revised construction schedule	USEPA requested that Respondents schedule a meeting immediately if original schedule completion date of September 2, 2011 cannot be maintained
2/23/2011	USA Environment Submittal 10 - Approved Contractor Work Plan submittal email from J. Laplante to V. Leos and B. Nann and five hard copies.			
2/24/2011	Updated Analyte List email from J. Laplante to V. Leos and B. Nann.			
2/28/2011	TCRA Weekly Progress Report 016 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
3/1/2011	USA Environment Submittals 6a, 12, 13a, and 14 - Approved natural stone and processed concrete aggregate chemistry results, Armor Cap B/C gradation, and Contractor Site Security Plan submittals transmitted via email and hard copy from J. Laplante to V. Leos and B. Nann.			
		3/3/2011	Letter from USEPA V. Leos providing update on status of NOVs.	
		3/3/2011	Notice of Violation letter from USEPA regarding non-compliance with the TCRA AOC.	
		3/3/2011	Letter from V. Leos of USEPA to Respondents' Project Coordinator regarding Respondents' request to change Removal Action Work Plan and Work Schedule.	
3/3/2011	Notification of Proposed Non-Hazardous Landfill letter from J. Laplante to V. Leos.	3/4/2011	Approval of Respondent's selected Subtitle D Landfill sent via email from V. Leos to J. Laplante.	
3/7/2011	TCRA Weekly Progress Report 017 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
3/10/2011	Submittals 17 and 18 - Approved Armor Cap A gradation results, and LLDPE liner test results submittals transmitted via email and hard copy from J. Laplante to V. Leos and B. Nann.			
		3/11/2011	Email from B. Nann of USEPA to Respondents' counsel transmitting USEPA's response to Respondents' Notice of Dispute dated February 14, 2011.	
3/14/2011	TCRA Weekly Progress Report 018 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
3/17/2011	Revised Emergency Contingency Plan (ECP) sent from J. Laplante to V. Leos and B. Nann via email and hard copy.			
3/18/2011	Updated Notification of TCRA Subcontractors sent from J. Laplante to V. Leos and B. Nann via email and hard copy.			
3/18/2011	Submittal via hand delivery of Respondents' Notice of Dispute relative to USEPA's February 16, 2011, rejection of Respondents' force majeure claim.			

Table 1
Table of Agency Communications

Respondents Submittal Date	Respondents Communication Summary	Response from USEPA Date	USEPA Communication Summary	Notes
3/21/2011	TCRA Weekly Progress Report 019 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
3/28/2011	TCRA Weekly Progress Report 020 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
		3/28/2011	Letter from USEPA V. Leos to D. Keith requesting revision of weekly reports 017, 018, and 019 to remove the proposed revised schedule from these reports, and to cease inclusion of the proposed revised schedule in future weekly reports.	
	TCRA Weekly Progress Report 021 and amended Progress Reports No. 017, 018, and 019 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
		4/8/2011	Letter from USEPA V. Leos to D. Keith requesting a formal response to concerns regarding displacement of waste sludge that has been observed during cap construction activities.	
4/11/2011	TCRA Weekly Progress Report 022 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
4/14/2011	Submitted via email from J. Laplante to V. Leos and B. Nann approved contractor Submittals 19 and 20 and Cap Construction Progress Map to V. Leos and B. Nann and five hard copies.			
	Letter from D. Keith to V. Leos on behalf of Respondents as formal response to USEPA concerns about displacement of waste sludge observed during construction activities.			
4/15/2011	Submitted via email from J. Laplante to V. Leos and B. Nann copy of the Emergency Contingency Plan Marshalling Area figure for the SJRWP TCRA to V. Leos and B. Nann and five hard copies.			
4/18/2011	TCRA Weekly Progress Report 023 email from J. Laplante to V. Leos and B. Nann and five hard copies.			
4/22/2011	Letter from J. Laplante to V. Leos requesting EPA review and approval of additional Subtitle D landfill for disposal of debris generated as part of TCRA construction activities sent via e-mail and 5 hard copies.	4/26/2011	Approval of Respondent's additional Subtitle D Landfill sent via email from V. Leos to J. Laplante.	
4/25/2011	TCRA Weekly Progress Report 024 email from J. Laplante to V. Leos and B. Nann and five hard copies.			

-SCHEDULE-SAN JACINTO RIVER WASTE PITS SUPERFUND SITE October 2010 November 2010 December 2010 January 2011 February 2011 March 2011 April 2011 May 2011 June 2011 June 2011 June 2011 June 2011 June 2011 August 2011 10/10 | 10/17 | 10/24 | 10/31 | 11/7 | 11/14 | 11/21 | 11/28 | 12/5 | 12/19 | 12/26 | 1/2 | 12/19 | 12/26 | 1/2 | 1/9 | 1/16 | 1/23 | 1/30 | 2/6 | 2/13 | 2/20 | 2/27 | 3/6 | 3/13 | 3/20 | 3/27 | 4/3 | 4/10 | 4/17 | 4/24 | 5/1 | 5/8 | 5/15 | 5/22 | 5/29 | 6/5 | 6/12 | 6/19 | 6/26 | 7/3 | 7/10 | 7/17 | 7/24 | 7/31 | 8/7 | 8/14 | 8/21 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8/28 | 8 Start 0 SAN JACINTO WASTE PIT SUPERFUND SITE 164.6 days Thu 11/11/10 Fri 9/2/11 0 days | Mon 11/22/10 | Mon 11/22/10 Contract Completion Notice To Proceed 0 days Tue 11/23/10 Tue 11/23/10 Materials Procurment 28.6 days Thu 11/11/10 Wed 1/5/11 21.6 days 28.6 days Thu 11/11/10 Wed 1/5/11 Materials Lead Time 21.6 days Place Orders - Bouys and Signs 0 days Mon 11/29/10 Mon 11/29/10 Place Orders - Materials 0 days | Mon 11/29/10 | Mon 11/29/10 Material Preparation Lead Time 20 days Mon 11/29/10 Wed 1/5/11 Natural Stone (54,500 tons, 9 trains, 20 days Mon 11/29/10 Wed 1/5/11 Processed Concrete (18,600 tons, 1,030 end dumps) 20 days Mon 11/29/10 Wed 1/5/11 Filter Fabric (4 truck loads) 20 days Mon 11/29/10 Wed 1/5/11 Access Road Filter Fabric 5 days Mon 11/29/10 Tue 12/7/10 Access Road TxDOT Road Base 13 5 days Mon 11/29/10 Tue 12/7/10 LLDPE 15 days Mon 11/29/10 Mon 12/27/10 15 20 days Thu 11/11/10 Fri 12/17/10 Bouys and signs Materials Delivery 65 days Thu 12/16/10 Tue 4/12/11 Natural Stone 65 days Thu 12/16/10 Tue 4/12/11 45 days Thu 12/16/10 Tue 3/8/11 Processed Concret Filter Fabric (rock underlay 20 days Mon 12/27/10 Tue 2/1/11 5 days Mon 12/27/10 Wed 1/5/11 0 days Fri 12/17/10 Fri 12/17/10 Bouys and signs Materials Delivery Complete 0 days Tue 4/12/11 Tue 4/12/11 23 1 day Wed 12/8/10 Thu 12/9/10 1 day 20 days Mon 11/22/10 Wed 12/29/10 Plans and Submittal 10 days Mon 11/22/10 Fri 12/10/10 10 days Mon 11/22/10 Fri 12/10/10 Project Work Plan Site Specific HASP 10 days Mon 11/22/10 Fri 12/10/10 QAPP 10 days Mon 11/22/10 Fri 12/10/10 Submittal Review 5 days Fri 12/10/10 Mon 12/20/10 Response to Comments/Final Documents 5 days Mon 12/20/10 Wed 12/29/10 Final Approvals 0 days Wed 12/29/10 Wed 12/29/10 136 days Wed 12/8/10 Mon 8/8/11 32 Construction Project Set-up 10 days Wed 12/8/10 Mon 12/27/10 Mobilization 3 days Wed 12/8/10 Mon 12/13/10 10 days Wed 12/8/10 Mon 12/27/10 Big Star Property Improvements 136 days Wed 12/8/10 Mon 8/8/11 136 days Wed 12/8/10 Mon 8/8/11 Health and Safety 38 Quality Control 136 days Wed 12/8/10 Mon 8/8/11 136 days Wed 12/8/10 Mon 8/8/11 Site Security 136 days Wed 12/8/10 Mon 8/8/11 Access Road Constructio 12 days Thu 12/30/10 Thu 1/20/11 42 Clear and Grub 10 days Thu 12/30/10 Tue 1/18/11 Place Filter Fabric and Road Base 10 days Tue 1/4/11 Thu 1/20/11 Environmental Protection 20 days Mon 12/27/10 Sign and Bouy Installation 10 days Mon 12/20/10 Fri 1/7/11 46 Armor Cap Placement 116 days Wed 1/5/11 Fri 7/29/11 Water Side Placemen 96 days Wed 1/5/11 Thu 6/23/11 Armor Cap C2 10 days Wed 1/5/11 Mon 1/24/11 49 Armor Cap B 9 days Mon 1/24/11 Tue 2/8/11 Armor Cap E 32 days Tue 2/8/11 Tue 4/5/11 Armor Cap D 34 days Tue 4/5/11 Fri 6/3/11 Armor Cap A 11 days Mon 6/6/11 Thu 6/23/1 53 96 days Wed 1/5/11 Thu 6/23/11 Place Geotextile 54 Land Side Placement 107 days Fri 1/21/11 Fri 7/29/11 19 days Fri 1/21/11 Wed 2/23/11 56 Fri 1/21/11 Tue 2/8/11 Clear and Grub Peninsula 10 days Shaping and Grading 6 days Mon 1/31/11 Wed 2/9/11 Granular Fill (bedding) Tue 2/1/11 6 days Thu 2/10/1 7 days Fri 2/11/11 Wed 2/23/11 LLDPF Placement Armor Cap Placemen 88 days Wed 2/23/11 Fri 7/29/11 Armor Cap B 15 days Wed 2/23/11 Tue 3/22/11 Armor Cap C1 9 days Tue 3/22/11 Wed 4/6/11 24 days Wed 4/6/11 Wed 5/18/11 64 2 days Wed 5/18/11 Mon 5/23/11 Armor Cap A Armor Cap D 28 days Mon 5/23/11 Wed 7/13/11 10 days Wed 7/13/11 Fri 7/29/11 Armor Cap E Place Geotextile 88 days Wed 2/23/11 Fri 7/29/11 0 days Fri 7/29/11 Fri 7/29/11 5 days Fri 7/29/11 Mon 8/8/11 Final Reports 20 days Fri 7/29/11 Fri 9/2/11 20 days Fri 7/29/11 Fri 9/2/11 Fri 7/29/11 Fri 9/2/11 20 days Narrative Project Completion 0 days Fri 9/2/11 Fri 9/2/11 Project: San Jacinto River Waste Pits Superfund Site Rolled Up Critical External Tasks Critical Slack Summary Draft Schedule Date: Fri 11/19/10 Critical Split Slippage Project Summ Rolled Up Critical Split External Milestone Page 1

